

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD39 (1986): Dimensions of Semiconductor Devices,
Device Outline OD39 [LITD 5: Semiconductor and Other
Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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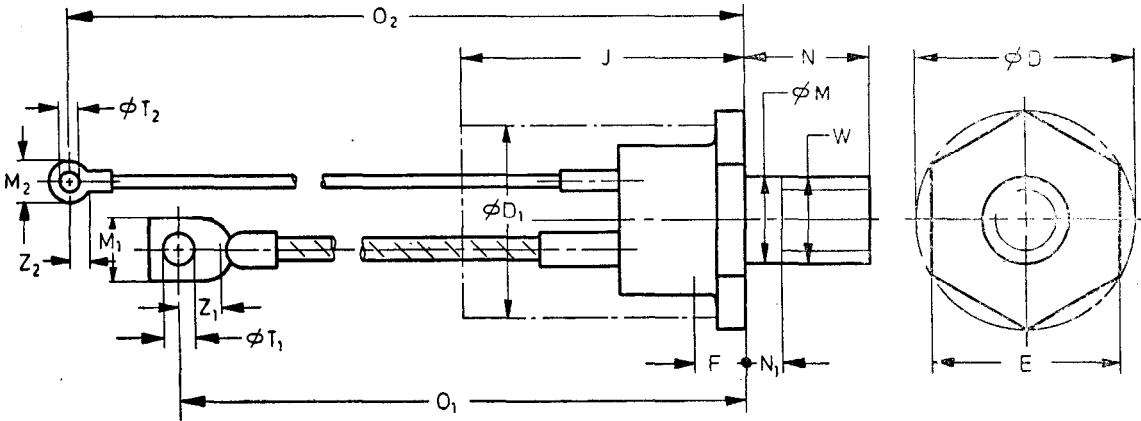




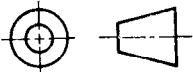
Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES
DEVICE OUTLINE OD 39

1. Dimensions — This drawing has been prepared in accordance with IS : 5001 (Part 1)-1969 'Guide for preparation of drawings of semiconductor devices and integrated circuits: Part 1 Semiconductor devices'.



Reference	Millimetres			Notes
	Min	Nom	Max	
ϕD	—	—	20.16	—
D_1	—	—	—	1, 2
F	2.6	—	—	—
J	—	—	50	1, 3
ϕM	—	—	—	4
M_1	—	—	13.97	5, 6
M_2	—	—	7.62	5, 6
N_1	—	—	2.26	—
E	—	17.0	—	—
O_1	135	—	165	7
O_2	—	—	—	7
ϕT_1	—	—	—	10
ϕT_2	3.2	—	4.3	—
W	—	M8	—	8
Z_1	5.0	—	—	9
Z_2	3.2	—	—	9



Adopted 4 March 1986

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Gr 1

Reference	Type A			Type B		
	Min	Nom	Max	Min	Nom	Max
N	9.0	—	11.0	13.0	—	15.0

Note 1 — The device with the exception of the hexagon thread and flexible leads lies within the cylinder of diameter D_1 and length J .

Note 2 — Diameter D_1 must not be greater than the actual across flats dimensions of the hexagon used.

Note 3 — J is the seated height with the leads bent at right angles.

Note 4 — Diameter M refers to zone N_1 . The maximum value should not exceed the outside diameter of the thread.

Note 5 — The contour and orientation of the terminal slug or lug are undefined.

Note 6 — The large terminal lug is No. 1, the small terminal lug is No. 2.

Note 7 — The actual value of dimension O_2 must be greater than that of O_1 .

Note 8 — A clearance hole of 8.5 mm minimum diameter ensures interchangeability between Type A and Type B devices.

Note 9 — Minimum flat.

Note 10 — Clearance hole for M5 bolt.

2. Rules for Coding — See 8.1 of IS : 5001 (Part 1)-1969.

3. Equivalent Designations

Country or Organization	Code	
	Type A	Type B
IEC	A27MA	A27MB
United Kingdom	—	—
Germany	202A3 Δ	202B3 $>$